

Sub D1
C1
36. (twice amended) A capacitor construction comprising:

a first capacitor electrode over a substrate;

an insulative barrier layer to oxygen diffusion over the first electrode, the barrier layer comprising a chemisorption product of first and second precursor monolayers;

a capacitor dielectric layer over the first electrode; and

a second capacitor electrode over the dielectric layer and the barrier layer.

Sub D3
C2
50. (new) The array of claim 40 wherein the barrier layer comprises a chemisorption product of first and second precursor monolayers.

51. (new) The dice of claim 45 wherein the barrier layer comprises a chemisorption product of first and second precursor monolayers.